## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	4015436*	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/11/15 09:29
S1	422	((TAKASHI) near2 (KANAI)).INV.	EPO; JPO; DERWENT	OR	ON	2008/10/28 12:30
S2	2	("4362462").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/28 12:59
S3	868	(417/243,244).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/28 13:34
S4	0	("3and(cryogenicor (naturalnear2liquifiednear2gas))").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/28 13:35
S5	9	S3 and(cryogenic or(natural near2 liquified near2 gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 13:35
96	43	["1872932"   "1967935"   "2082189"   "2090163"   "2423977"   "2577107"   "3070966"   "3088566"   "3195316"   "3503220"   "3980114"   "3724226"   "37356020"   "4100745"   "4276749"   "4791787"   "48936262"   "4948404"   "4878355"   "4996262"   "4948404"   "4974427"   "4995294"   "5140628"   "5409046") NV. OR ("657055") URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/28 13:45
S7	9	S3 and(cryogenic or(liquified near2 natural near2 gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 13:56
S8	254	(415/179).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/28 13:56
S9	0	S8 and(cryogenic or(liquified near2 natural near2 gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 13:57

S10	23	"3919852"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:03
S11	20	3976165*	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:13
S12	17	<sup>*</sup> 3874185*	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:15
S13	70	62/614	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:36
S14	54	S13 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:36
S15	256	62/613	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:54
S16	238	S15 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:55
S17	12	S3 and(cryogenic or(natural near2 liquefied near2 gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 15:28
S18	0	(60/50.2,50.6).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/28 16:05
S19	1560	(62/50.2,50.6).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/28 16:05
S20	273	S19 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 16:05
S21	135	S20 and cryogenic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 16:05

S22	3839	compressor same(cryogenic or(liquefied near2 natural near2 gas))	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2008/10/28 16:20
S23	84	compressor same(cryogenic same(liquefied inear2 natural near2 gas))	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2008/10/28 16:20
S24	2223	\$22 and (intercooler or (heat near2 exchanger))	US-PGPUB; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 16:21
S25	66	S23 and (intercooler or (heat near2 exchanger))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/28 16:21
S26	9	[("3503220"   "3616652"   "3677019"   "4548629"   "6023942"   "6289692"   "6449984").PN. OR ("6898949").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 09:26
S27	26	("3616652").URPN.	USPAT	OR	ON	2008/10/29 10:00
S28	2	"20080008602"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 10:17
S29	9	["3503220"   "3616652"   "3677019"   "4548629"   "6023942"   "6289692"   "6449984"). PN. OR ("6898949"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 10:36
<b>S3</b> 0	22	["3347055"   "3780534"   "3857245"   "3857251"   "3874185"   "3869485"   "3919852"   "4188793"   "4543794"   "4766741").PN. OR ("4846862").UFPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 10:56
S31	256	62/613	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 13:20
S32	6	S31 and (direct near2 cooling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 13:20
S33	1560	(62/50.2,50.6).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/29 13:25
S34	15	S33 and (direct near2 cooling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 13:25

S35	868	(417/243,244).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/29 15:27
S36	12	S35 and(cryogenic or(natural near2 liquefied near2 gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 15:27
S37	5	S36 and direct	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 15:27
S38	59	(direct near2 exchanger) and cryogenic and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 15:28
S39	28806	forced with natural with gas (vaporiser or vaporizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 16:03
S40	15	forced with natural with gas with (vaporiser or vaporizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 16:04
S41	5	("3670752"   "3850001"   "3864918"   "4231226"   "6089022").PN. OR ("6598564"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 16:07
S42	5	("3670752"   "3850001"   "3864918"   "4231226"   "6089022").PN. OR ("6598564"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 16:15
S43	149	natural near gas near2 (vaporiser or vaporizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 16:31
S44	27	S43 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 16:32
S45	13	("20050204625"   "3407052"   "3419369"   "3527585"   "3837821"   "5590535"   "6449983"   "6470706"   "6564579"   "6745576").PN. OR ("7299655").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 16:41
S46	13	("20050204625"   "3407052"   "3419369"   "3527585"   "3837821"   "5590535"   "6449983"   "6470706"   "6564579"   "645957"   PN. OR ("7299655").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 16:46
S47	115	forced near2 (vaporiser or vaporizer)	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2008/10/29 16:50
			DERWENT		•	

S48	2	S37 and (natural near2 gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 16:51
S49	2	S37 and (natural with gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 16:51
S50	19	S47 and (natural near2 gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 16:52
S51	0	417/247,250	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 17:41
S52	509	(417/247,250).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/29 17:41
S53	0	("24andcompressor").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/29 17:41
S54	111	S52 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 17:41
S55	3	S54 and cryogenic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/29 17:41
S56	8	((JOSEF) near2 (POZIVIL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 17:43
S57	1	((HELMUT) near2 (GERSTENDOERFER)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/29 17:44
S58	1	((HELMUT) near2 (GERSTENDOERFER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/29 17:44
S59	2	"4015436"	EPO; JPO; DERWENT	OR	ON	2009/07/10 10:08
S60	1	"5520000"	EPO; JPO; DERWENT	OR	ON	2009/07/10 10:15
S61	1	"5137558"	EPO; JPO; DERWENT	OR	ON	2009/07/10 10:46
S62	8	"5137558"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/10 10:47

S63	6	*4187899*	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/10 11:36
S64	1	(direct adj cool\$3) near2 communicat\$3 near2 (indirect adj cool\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/10 11:52
S65	133	(direct adj cool\$3) near2 (indirect adj cool\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/10 11:52
S66	2	S85 and cryogenic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/10 11:52
S67	27	S85 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/07/10 11:52
S68	9	((JOSEF) near2 (POZIVIL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/24 15:03
S69	2	"20070116581"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/03 20:15
S70	9	*4015436*	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/06 11:19
S71	17	3889485"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/06 11:32
S72	42	3616652"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/06 12:47
S73	534	33408"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/04/08 09:38
S74	21	re33408	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/04/08 09:38

S75	9	"4015436"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/04/08 11:09
S76	14	("3121999"   "3369371"   "3689237"   "3690115"   "3771260").PN. OR ("4015436"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/08 11:40
S77	18	("3387462"   "4015436"   "4570578"   "4961325"   "5218827"   "5228295"   "5243821").PN. OR ("5520000").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/08 11:40

## EAST Search History (Interference)

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